Davinor LayerGauge®16

GENERAL DESCRIPTION

Thickness gauge for multilayer materials. Optical measuring method, safe to use. Operator-assisted, semi-automatic system for small volume Quality Control measurements and R&D use.

HARDWARE

Sample Handling

Manual. Suitable for wide range of sample sizes and shapes. Vacuum-based sample positioning and holding system. Also custom-made mechanical sample holders available (Optional).

Thickness Range

Maximum thickness 380µm (15 mil) by default, 500µm (20 mil) optionally available.

Size & Weight

41(w) x 25(d) x 17(h) cm, 16 kg.   (16(w) x 10(d) x 7(h) inch, 35 lbs)

Connections

Power 90…260 Vac, 50/60 Hz (AutoSense). Maximum power consumption 65 VA.
PC connection via USB connection.

SOFTWARE

General Description

M-Flex16 software for PC computers using Windows operating system.

Layer Detection

 Maximum number of layers 16. Signal analysis and layer detection partially operator-assisted.
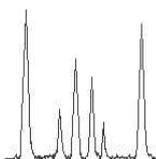
Reporting

Thickness Profile Graph, Numerical Data Report and Tolerance Graph. Custom reports available as option.

Calibration

Software-driven calibration procedure.

OTHER

Software and hardware upgradeable up to *LayerGauge®32* system. An optional Turnkey Package available, including computer package, all hardware and software, shipping, installation and on–site user training services.

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